

# Use Case Descriptions

**System:** Northeastern Online Application System [NOAS]

Name: Northeastern Online Application System
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Description: The online application system designed for Northeastern University is a general-purpose application system for all prospective students no matter what kind of degree or which level of degree. The system can facilitate the efficient of application and reviewing process both of students and university
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## System Actor:

1. Student [Student]
  - a. Description: The student is the main participant of our system, student can submit, review, retrieve application and pay application fee during the application season in NOAS and the NOAS can provide the result of application (i.e. admitted or rejected) to students.
  - b. KindOf: User
2. Administrator [Admin]
  - a. Description: The people which employment in Northeastern and evolve in the application can be viewed as administrator. The administrator includes staff, faculty and committee. All roles of administrator can access all applications
  - b. KindOf: User
3. General User[User]
  - a. Description: This is the top level of actor in our system, any roles participate the university application process can be viewed as a general user. The user has different roles. The use interacts with NOAS during the admission process.

## Use Case:

### Get application status [getApplicationStatus]

- Description: This use case describes how can a user get application current status.
- Step by step description:
  - 1[#User] – A user can get application status by providing the application ID. Administrators have authority to check status of any application while students can only check own application.
  - 2[#NOAS] – The system return current application status according to the required application ID.

### Pay Application Fee [payAppFee]

- Description: This use case describes how to pay application fee for his/her application
- Step by step description:
  - 1[#Student] – The student provides payment information and pay the fee.
  - 2[#NOAS] – The system receives the application fee and notify the student that fee is received.

#### Update User Password [updatePassword]

- Description: This use case describes how can a user change his/her password.
- Step by step description:
  - 1[#User] The user put forward a password-change request.
  - 2[#NOAS] – The system receives the request and ask the user to provide the new password.
  - 3[#User] – The User submits new password.
  - 4[#NOAS] – The system receives new password and replace the old one if new password meets format requirement.

#### Query Application [queryApp]

- Description: This use case describes how the user review an application materials.
- Step by step description:
  - 1[#User] – The use can check application with various query component values. For example: the user might search the application with a master degree or the application which has GPA greater than 3.5
  - 2[#NOAS] – The system validates the review request authority and returns the request of a specific application.

#### Check Fee-paid Status [checkFeePaid]

- Description: The administrator can check whether application fee is paid or not.
- Step by step description:
  - 1[#Admin] – The administrator check the fee-paid status by providing specific application ID.
  - 2[#NOAS] – The system return Boolean value according to the application ID.

#### Make Application Decision [makeAppDecision]

- Description: The administrator make decision about an application.
- Step by step description:
  - 1[#Admin] – The admin can give reject or admit decision of an application in the system.
  - 2[#NOAS] – The system record the decision and send notification to students.